



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/517,841	12/15/2004	Asbjorn Thoustrup	PATRADE	9007
7590	09/08/2005		EXAMINER	
James C Wray Suite 300 1493 Chain Bridge Road McLean, VA 22101			CARRILLO, BIBI SHARIDAN	
			ART UNIT	PAPER NUMBER
			1746	

DATE MAILED: 09/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<i>1e</i> <b>Office Action Summary</b>	Application No.	Applicant(s)	
	10/517,841	THOUSTRUP, ASBJORN	
	Examiner	Art Unit	
	Sharidan Carrillo	1746	

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  
 If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  
 Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) Responsive to communication(s) filed on 03102005.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) Claim(s) 1-9 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-9 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
     1. Certified copies of the priority documents have been received.  
     2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
     3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
 \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>03/10/2005</u>	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____. 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6) <input type="checkbox"/> Other: _____.
--	--

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-9 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 is indefinite because of the term "preferably" and "whereby". Claim 1 is indefinite because of the phrase "often". It is unclear whether applicant is trying to positively claim cleaning of metal parts or cleaning or organic material from the stator windings. It is also unclear whether applicant is trying to positively claim the organic material or a resin or varnish. The phrase "gaseous organic substances" lack positive antecedent basis. Claim 1 is further indefinite because it is unclear what is meant by "a new cycle". Does "new cycle" refer to a heating cycle? Claim 1 is further indefinite because there is no positive recitation of cleaning the metal parts, stator, or windings.

Claim 1 is indefinite because of the phrases "whereby", "preferably". Additionally, it is unclear what one would consider as "hot gas" or "large surface". The "organic substances" lack positive antecedent basis. Claim 1 is further indefinite because "the now cleaned air" lacks positive antecedent basis. Claim 2 is indefinite because it is unclear whether "a condensator" is the same or different from the condensator in claim 1. Claim 2 is indefinite because it is unclear what is meant by "atomized in/supplied". Claim 2 is indefinite because it is unclear the structural relationship between the nozzles

and the condensator. Claim 3 is indefinite because of "preferably". Additionally, "organic substances" lack positive antecedent basis. Claim 4 is indefinite because it is unclear what is the difference between "closed circuit" and "closed pipe system". Claim 4 is indefinite because it is unclear what one would consider as "fresh air". Claim 6 is indefinite because of the "preferably" and "whereby" clauses. Additionally, it is unclear whether applicant is trying to positively claim metal parts, stator, or windings. Claim 6 is indefinite because it is unclear what one of ordinary skill in the art would consider as "controlled conditions". The term "gaseous organic substances" lack positive antecedent basis. It is unclear what is meant by "conducted further on". Claim 6 is indefinite because it is unclear what is meant by new cycle. Claim 7 is indefinite because "the gas stream" lacks positive antecedent basis. Claim 7 is indefinite because it is unclear where the gas stream condenses to? Does the gas stream condense into the liquid vessel? Additionally, it is unclear the structural relationship between the liquid vessel and the nozzles. Claim 9 is indefinite because "the door" lacks positive antecedent basis.

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Gray et al. teach a solvent cleaning system. Sussmeyer et al. teach fractionation of a mixture. Hansmann et al. teach thermal treatment of residual materials. Kearney teaches a degreasing apparatus and method.

***Allowable Subject Matter***

4. The following is a statement of reasons for the indication of allowable subject matter: The prior art fails to teach a closed pipe circuit where organic material is

evaporated after heating the metal parts in the heating chamber, the evaporated organic material is then conducted to a condensator, where the organic material are condensed, the condensate and air are then transported to a partly liquid filled vessel an the cleaned air is conducted back to the heating chamber.

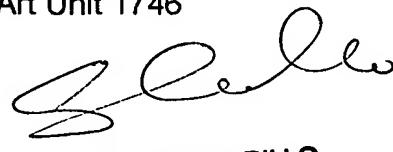
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sharidan Carrillo whose telephone number is 571-272-1297. The examiner can normally be reached on Monday-Friday, 6:00a.m-2:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Barr can be reached on 571-272-1414. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sharidan Carrillo  
Primary Examiner  
Art Unit 1746

bsc



SHARIDAN CARRILLO  
PRIMARY EXAMINER